AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1.-14. (Cancelled)

15. (New) A data matching method comprising:

a configuration component accumulating step accumulating a configuration component generated by decomposing a measuring quantity of an object by a predetermined method and a plurality of states of said object each of which is corresponding to said configuration component;

a connecting step making a connection of a parameter corresponding to said configuration component at a first state of said plurality of states with a parameter corresponding to said configuration component at a second state of said plurality of states;

a state change data generating step generating a state change data which is a data at said second state by using a data of a matching target object of said first state and said connection; and

a matching step matching said state change data and a previously accumulated matching data.

16. (New) The data matching method according to claim 15, further comprising:

a component decomposing step decomposing a measuring quantity of said matching target object into said configuration component at a predetermined state of said plurality of states,

wherein said connecting step converts a parameter corresponding to said configuration component at said first state into a parameter corresponding to said configuration component at said second state, and

said state change data generating step generates said state change data by adding a predetermined state change to the data of said matching target object by using said configuration component accumulated in said configuration component accumulating step and corresponding to said second state and said converted parameter.

17. (New) The data matching method according to claim 15, wherein said predetermined method is a principal component analysis.

18. (New) The data matching method according to claim 15, wherein said connecting step connects a parameter corresponding to said configuration component at said first state with a parameter corresponding to said configuration component at said second state by a conversion setup through a learning, and

said state change data generating step generates said state change data by applying said conversion setup through a learning to the data of said matching target object at said first state.

19. (New) The data matching method according to claim 15, wherein the data of said matching target is a biometrics data.

20. (New) The data matching method according to claim 15, wherein each of said plurality of states corresponds to a state at a different time during a course of aging.

21. (New) The data matching method according to claim 15, wherein said measuring quantity is an image of a face.

22. (New) A data matching apparatus comprising:

a configuration component accumulating unit configured to accumulate a configuration component generated by decomposing a measuring quantity of an object by a predetermined method and a plurality of states of said object each of which is corresponding to said configuration component;

a connecting unit configured to make a connection of a parameter corresponding to said configuration component at a first state of said plurality of states with a parameter corresponding to said configuration component at a second state of said plurality of states;

a state change data generating unit configured to generate a state change data which is a data at said second state by using a data of a matching target object of said first state and said connection; and

a matching unit configured to match said state change data and a previously accumulated matching data.

23. (New) The data matching apparatus according to claim 22, further comprising:

a component decomposing unit configured to decompose a measuring quantity of said matching target object into said configuration component at a predetermined state of said plurality of states,

wherein said connecting unit is configured to convert a parameter corresponding to said configuration component at said first state into a parameter corresponding to said configuration component at said second state, and

said state change data generating unit is configured to generate said state change data by adding a predetermined state change to the data of said matching target object by using said configuration component accumulated by said configuration component accumulating unit and corresponding to said second state and said converted parameter.

24. (New) The data matching apparatus according to claim 22, wherein said predetermined method is a principal component analysis.

25. (New) The data matching apparatus according to claim 22, wherein said connecting unit is configured to connect a parameter corresponding to said configuration component at said first state with a parameter corresponding to said configuration component at said second state by a conversion setup through a learning, and

said state change data generating unit is configured to generate said state change data by applying said conversion setup through a learning to the data of said matching target object at said first state.

26. (New) The data matching apparatus according to claim 22, wherein the data of said matching target is a biometrics data.

27. (New) The data matching apparatus according to claim 22, wherein each of said plurality of states corresponds to a state at a different time during a course of aging.

28. (New) The data matching apparatus according to claim 22, wherein said measuring quantity is an image of a face.

29. (New) A computer program product embodied on a computer-readable medium and comprising code that, when executed, causes a computer to perform a method including:

a configuration component accumulating step accumulating a configuration component generated by decomposing a measuring quantity of an object by a predetermined method and a plurality of states of said object each of which is corresponding to said configuration component;

a connecting step making a connection of a parameter corresponding to said configuration component at a first state of said plurality of states with a parameter corresponding to said configuration component at a second state of said plurality of states;

a state change data generating step generating a state change data which is a data at said second state by using a data of a matching target object of said first state and said connection; and

a matching step matching said state change data and a previously accumulated matching data.

30. (New) The computer program product according to claim 29, wherein said method further comprises:

a component decomposing step decomposing a measuring quantity of said matching target object into said configuration component at a predetermined state of said plurality of states,

wherein said connecting step converts a parameter corresponding to said configuration component at said first state into a parameter corresponding to said configuration component at said second state, and

said state change data generating step generates said state change data by adding a predetermined state change to the data of said matching target object by using said configuration component accumulated in said configuration component accumulating step and corresponding to said second state and said converted parameter.

31. (New) The computer program product according to claim 29, wherein said connecting step connects a parameter corresponding to said configuration component at said first state with a parameter corresponding to said configuration component at said second state by a conversion setup through a learning, and

said state change data generating step generates said state change data by applying said conversion setup through a learning to the data of said matching target object at said first state.